



Full name : Anushka Kulkarni

B.E. – Electrical

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Pune, Maharashtra, India - 411038



OBJECTIVE

Electrical Engineering student skilled in process understanding, documentation, teamwork, and detail-oriented execution. Comfortable analysing information, organising tasks, and supporting smooth workflow operations. Strong communicator with experience handling technical work with clarity and accuracy. Quick learner with the ability to adapt to new tools, systems, and structured environments.

EDUCATION

Marathwada Mitra Mandal's College of Engineering, Pune

(2022-2026)

B.E. Electrical Engineering with Minor in Machine Learning and Data Science |

CGPA: 9.07 / 10

Fergusson College, Pune

(2022)

12th | Science | Percentage: 74.17 / 100

Ahilyadevi Highschool, Pune

(2020)

10th | SSC | Percentage: 97.40 / 100

INTERNSHIP

UL SYSTEMS AND CONTROLS INDIA PVT LTD

(23 Dec, 2024 - 17 Jan, 2025)

Industrial Automation Intern

Key Skills: Assembly | Quality | Schematics | Teamwork | Coordination

- Learned the process of control panel assembly and schematic interpretation.
- Gained understanding of architectural diagrams and verification of system accuracy.
- Acquired foundational exposure to industrial electrical systems and quality inspection.
- Worked on the AHU panel assembly and FAT testing under the supervision of the company's software technician.

PROJECTS

Three Phase Transformer Fabrication and Testing

(05 Feb, 2024 – 10 April, 2024)

Mentor: Dr. Anagha Soman

Team Size: 4

Key Skills: Wiring, Testing, Circuitry, Insulation, Parameters

- Designed and fabricated a three-phase transformer by calculating and selecting parameters based on specific customer requirements.
- Acquired hands-on experience in design, winding, assembly, and performance testing processes.
- Focused on accuracy, technical documentation, and ensuring optimal operational efficiency.

Efficient Solar Panel – Performance Optimization and Energy Enhancement (Patented)

(05 April, 2023 – 01 July, 2023)

Mentor: Prof. Swapna Jawalkar

Team Size : 6

Key Skills: Energy Optimization, Performance Analysis.

- Developed and tested a hydro-cooled solar panel system to enhance energy efficiency.
- Analyzed performance data and documented results to validate improvements.
- Strengthened skills in teamwork, precision testing, and result presentation.

RESEARCH

Research Paper: Design and Fabrication of Three-Phase Transformer

- Published research focused on the design process, construction, and testing of a three-phase transformer.
- Highlighted efficiency improvement methods and testing results using standardized electrical parameters.

LINK:

Research Paper: Supercapacitor and Its Applications in Renewable Energy

- Conducted research and documentation on integrating supercapacitors with renewable energy systems.
- Analyzed energy storage efficiency, charge/discharge characteristics, and their role in sustainable power systems.

SKILLS

Analytical Thinking & Attention to Detail | MATLAB | Python (Basic) | MS PowerPoint | Excel | Canva | Keyword Research | Data Reporting | Performance Analysis | Research & Documentation | Team Collaboration | Machine Learning Fundamentals | Data Visualization | Electrical Schematics | Industrial Panel Design | Quality Inspection

Certifications

- The Complete Digital Marketing course - Udemy
- Soft Skills Development (NPTEL) – Topper

Leadership & Involvement

- **Training & Placement Coordinator – EESA**
Managed departmental events including Electro Hunt and Green Hackathon.
- **Active Member – IEEE & ISTE**
Contributed to the smooth operation and coordination of technical and cultural events.

PERSONAL DETAILS

Gender: Female

Current Address: Woodland Society, Kothrud,
Pune, Maharashtra, India - 411038

Date of Birth: 28th January 2004

Known Languages: English, Hindi, Marathi.

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